

SECTION 2620 - WATER MAIN DISINFECTION

PART 1 - GENERAL

1.1 SCOPE OF WORK:

Provide all labor, materials, equipment and services required for water main disinfection specified herein.

PART 2 - EXECUTION

2.1 DISINFECTION OF WATER LINES:

- A. The new potable water lines shall not be placed in service, either temporarily or permanently, until they have been thoroughly disinfected in accordance with the requirements in AWWA C651-14 and to the satisfaction of the ENGINEER.

The basic procedure as outlined in C651-14 consists of:

1. Inspecting materials to ensure their integrity and preventing contamination. C651-14 Section 4.8
2. Preventing contamination of existing mains from cross connection. C651-14 Section 4.8
3. Chlorination. C651-14 Section 4. For the majority of new potable mains in BCWS' distribution system the Tablet/Granule method of Chlorination in C651-14 Section 4.3 will be used. Other methods as outlined in C651-14 Section 4.2 are acceptable depending on the specific work to be done.
4. Pressure testing per specification 2610
5. Flushing the chlorinated water from the main. C651-14 Section 4.2 and Section 4.9
6. Bacteriological sampling. C651-14 Section 5.1
7. Final connection to the active distribution system. C651-14 Section 4.10

PART 3 - BASIS OF PAYMENT

Disinfection of water lines is not a pay item. Also, no additional payment will be allowed for providing taps for chlorine injection and/or flushing if necessary.

END OF SECTION